Index of Claims

| Application No.   | Applicant(s) |   |
|-------------------|--------------|---|
| 09/965,423        | RIHAN ET AL. |   |
| Examiner          | Art Unit     |   |
| Tatyana Zalukaeva | 1713         | _ |

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|---|----------|---|---|-------|
| = | Allowed  |   | ÷ | F     |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla      | aim      |              |              |                 | D        | ate             |          |  |          | Γ   | Cla  | im       |                   |          |                 | D        | ate      |          |         |          |     | Cla          | im         |  |          |  |           | ate  |              |          |               |   |
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|          |          | 101          |              |                 | T        |                 | Т        |  | $\Box$   | Γ   |  | <u> </u> |                   |          |                 |          | Т        |          |         |          |     |              | -          |  |          |  |           |  |              |          |               |   |
| Final    | Original | 12           | 1            |                 |          |                 |          |  |          |     | Final  | Original |                   | 1        |                 |          | 1        |          |         | i        |     | Final        | Original   |  | Ì        |  |           |  | 1            |          | -             |   |
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|          | ٥        |              | .            |                 |          | - 1             |          |  |          |     |  |          |                   |          |                 |          |          |          |         |          |     |              |            |  |          |  | $\Box$    | $\sqcup$   | $\perp$      |          | ightharpoonup |   |
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|          | 2        | i            |              | $\neg$          | T        |                 |          |  |          |     |  | 52       |                   |          |                 |          |          |          |         |          |     |              | 102        |  | _        |  |           |  | _            | _        | $\perp$       |   |
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|          | 4        |              |              |                 |          |                 |          |  |          |     |  | 54       |                   |          |                 |          |          |          | 丄       |          |     |              | 104        |  |          |  |           |  |              | _        | _             |   |
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|          | 7        | П            |              |                 |          |                 |          |  |          |     |  | 57       |                   |          |                 |          |          |          | $\perp$ |          |     |              | 107        |  |          |  |           | _  |              | _        | 4             |   |
|          | 8        |              |              |                 |          |                 |          |  |          |     |  | 58       |                   |          |                 |          | _        |          |         |          |     |              | 108        |  | _        |  |           | $\dashv$   | _            | $\dashv$ | 4             |   |
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|          | 10       |              |              |                 |          |                 |          |  |          |     |  | 60       |                   |          |                 |          | _        |          | ┸       |          |     |              | 110        |  |          | Ш  |           | $\dashv$   |              | _        | _             |   |
|          | 11       | $\Box I$     |              |                 |          | $\Box$          | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}$ |          |     |  | 61       | Ш                 | ]        | _[              | $\perp$  | $\perp$  | $\perp$  |         | <u> </u> |     |              | 111        |  |          |  |           | $\dashv$   | _            | _        | $\dashv$      |   |
|          | 12       |              |              |                 |          |                 |          |  |          |     |  | 62       |                   |          | _               | _        | _        |          | $\perp$ |          |     |              | 112        | _  |          | Щ  |           |  | _            | _        | $\dashv$      |   |
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|          | 16       | $\coprod$    |              | $\Box$          | $\Box$   |                 |          |  |          | [   |  | 66       |                   |          |                 |          | $\perp$  |          | 丄       |          |     |              | 116        |  |          | $\vdash \vdash$                                  |           |  | _            | _        | $\dashv$      |   |
|          | 17       | $\coprod$    |              |                 |          |                 |          |  | <u> </u> |     |  | 67       | Ш                 | Ш        |                 | _        |          | _        | 1       |          |     |              | 117        |  |          | Щ  |           | $\dashv$   | _            | 4        | _             |   |
|          | 18       | Ш            |              |                 |          |                 |          | $\perp$  |          |     |  | 68       |                   |          |                 | _        | _        |          | ┸       |          |     |              | 118        | _  |          |  | Ш         | $\sqcup$   | _            | _        | 4             |   |
|          | 19       | Ш            |              |                 | $\perp$  |                 |          | $\perp$  |          |     |  | 69       |                   |          |                 | _        | _        |          | _       |          |     |              | 119        | _  |          | <u> </u>   | Щ         | Ш  |              | 4        | $\dashv$      |   |
|          | 20       | L            |              |                 | _        |                 |          | ightharpoonup  |          |     |  | 70       |                   |          |                 | _        | _        | _        | _       |          |     |              | 120        |  |          | Ш  |           | Ш  | _            | _        | _             |   |
|          | 21       | Ш            |              |                 | _        |                 |          | _  | $\perp$  |     |  | 71       | Ш                 | Ш        |                 |          | _        | $\perp$  |         |          |     |              | 121        |  |          | $\sqcup$   |           | Щ  |              | 4        | $\dashv$      |   |
|          | 22       |              |              |                 | _        |                 | _        | _  |          |     |  | 72       | Ш                 |          | _               | _        | _        |          | 1       |          |     |              | 122        |  |          |  | Ш         | $\sqcup$   |              | _        | $\dashv$      | _ |
|          | 23       | Ц            |              | _               | _        | $\dashv$        |          |  |          |     |  | 73       |                   |          |                 | 4        | _        |          | 4       | _        |     |              | 123        |  |          | Н  |           | $\vdash \vdash$                                  | _            | -        | $\dashv$      |   |
|          | 24       | V            |              | _               |          |                 | _        |  |          |     |  | 74       | $ldsymbol{f eta}$ |          |                 | _        | _        | _        | 4       |          |     |              | 124        |  |          | Н  |           | Ш  | $\dashv$     | -        | $\dashv$      |   |
|          | 25       | V            |              | _               | _        | _               | _        | 4  | Д        |     |  | 75       | _                 |          | $\Box$          | _        |          | +        | +       |          |     |              | 125        |  |          | Ш  |           | $\vdash \vdash$                                  |              | $\dashv$ | $\dashv$      |   |
|          | 26       | <u> </u>     |              |                 | _        | _               | _        | _  |          |     |  | 76       | _                 |          | -               | _        | _        | _        | +       | <b>_</b> |     |              | 126        |  |          | -  | $\vdash$  |  | -            |          | -             |   |
|          | 27       | $oxed{oxed}$ | Щ            | _               |          | _               | 4        | _  |          |     |  | 77       | $\vdash$          | <u> </u> |                 | $\dashv$ | _        |          | -       | -        |     |              | 127        |  |          | Н  | ļ         | $\vdash\vdash$                                   | Ш            | $\dashv$ | -             | _ |
| <u></u>  | 28       | _            |              | _               | _        | _               | 4        | _  |          |     |  | 78       | $\vdash$          | _        |                 |          |          |          | +       | _        | -   |              | 128        |  | _        | Н  |           | $\vdash$   |              | -        | -             |   |
| L        | 29       | L            |              | _               | _        | _               | _        | _  |          |     |  | 79       | <u> </u>          |          | $\sqcup$        |          | $\dashv$ | -        | +       | _        | -   | <u> </u>     | 129        |  | _        | Н  | -         | Н  | _            | $\dashv$ |               |   |
|          | 30       | <u> </u>     |              |                 | _        | _               | _        | _  |          |     |  | 80       | <u> </u>          | <u> </u> |                 | _        | _        | _        | +       |          |     |              | 130        |  | _        | -  | -         | Н  | Н            | -        | $\dashv$      |   |
| <u> </u> | 31       | 1_           | Ш            |                 | _        | _               | _        | -  |          |     |  | 81       | <u> </u>          |          | $\dashv$        | 4        | $\dashv$ |          | - -     | +        |     | <u> </u>     | 131        |  |          | $\vdash$   | _         | Н  |              | $\dashv$ | -             |   |
|          | 32       | <del> </del> |              | _               |          | _               |          | -  | -        | . 1 |  | 82       | -                 |          | -               |          |          | -        | -       | +        | 1   | ļ            | 132        | -  | _        | <del> </del>                                     | $\vdash$  | H  |              |          | -             | _ |
| ·        | 33       | $\vdash$     |              | $\dashv$        |          |                 | _        | $\dashv$   | -        |     |  | 83       | ├-                | $\vdash$ | ⊢┦              |          | -        | +        | +       | +        | 1   | -            | 133<br>134 | <del>-</del>                                     |          | $\vdash$   | ┢         | H  |              | -        | $\dashv$      |   |
|          | 34       | 1            |              | $\vdash$        |          | $\dashv$        | -        | $\dashv$   |          |     | -  | 84<br>85 |                   | $\vdash$ | $\vdash$        | $\dashv$ |          | +        | +       | +        | 1   | <u> </u>     | 135        |  | -        | $\vdash$   |           | $\vdash$   |              | $\dashv$ | $\dashv$      |   |
|          | 35       | $\vdash$     | -            |                 |          | $\dashv$        |          | +  | +        | 1   | -  | 86       | ├                 | $\vdash$ | H               | $\dashv$ | -        | +        |         | +        | 1   |              | 136        | $\vdash$   |          | $\vdash$   | _         | $\vdash$   | H            | -        | $\dashv$      |   |
| -        | 36       | ┼-           | Н            | $\dashv$        |          | -               | $\dashv$ | $\dashv$   | +-       | 1   | <del> </del>                                     | 87       | ╌                 | ⊢        | $\vdash$        | $\dashv$ | -        | +        | +       | +        | 1   | <b></b> -    | 137        | $\vdash$   | -        | $\vdash$   | -         | H  | -            | $\dashv$ | $\dashv$      |   |
| <b> </b> | 37       | -            | <del> </del> | $\dashv$        |          | $\vdash \vdash$ |          | +  | -        |     | <u> </u>   | 88       | +-                | -        | $\vdash$        |          |          | +        | +       | +        | 1   | <u> </u>     | 138        | -  | -        | $\vdash$   | $\vdash$  | $\vdash$   | -            | $\vdash$ |               |   |
| -        | 38       | ╆            | _            | $\vdash$        |          | -               | $\dashv$ | $\dashv$   |          | 1   | <del> </del>                                     | 89       | 1                 | $\vdash$ | $\vdash \vdash$ |          | -        | $\dashv$ | +       | +        | 1   | <u> </u>     | 139        | -  |          | <del>                                     </del> | ├-        | $\vdash$   | $\vdash$     |          | $\dashv$      |   |
| <b>—</b> | 39       | +            | $\vdash$     | $\vdash$        | _        |                 | -        | -  |          |     |  | 90       | +-                | ├-       | Н               | $\dashv$ | -        | -        | +       | +        | 1   |              | 140        | $\vdash$   |          | $\vdash$   | ╁         | $\vdash$   | <del> </del> |          | ᅱ             |   |
| -        | 40<br>41 | +            | $\vdash$     | $\vdash$        | $\dashv$ | $\vdash$        | $\dashv$ | -  | +        | 1   |  | 91       | +                 |          | Н               |          | $\dashv$ | +        | +       | +        | 1   |              | 141        | -  | -        | $\vdash$   | +-        | ╁╌   | -            | $\dashv$ | $\dashv$      |   |
|          | 41       | $\vdash$     | 1            | $\vdash$        | $\dashv$ | $\vdash$        |          | -+   | +        | 1   | <del> </del>                                     | 92       | ┼                 | $\vdash$ | $\vdash$        | -        |          | $\dashv$ | +       | +        | 1   | $\vdash$     | 142        |  | -        | $\vdash$   | $\vdash$  | $\vdash$   | -            | $\dashv$ | $\dashv$      |   |
|          | 42       | +            | ⊢            | $\vdash \vdash$ |          | $\vdash$        |          | $\dashv$   | +        | 1   | <del>                                     </del> | 93       | $\vdash$          | ╁        | $\vdash$        |          | $\dashv$ | $\dashv$ |         | +        | 1   | <del> </del> | 143        | <del>                                     </del> | $\vdash$ | +  | $\vdash$  | $\vdash$   | -            | $\dashv$ | $\dashv$      |   |
| -        | 44       | +            | $\vdash$     | $\vdash$        |          |                 | $\dashv$ | -+   | +        | 1   | _  | 94       | +                 | ⊢        | H               |          | $\dashv$ | +        | +       | +        | 1   |              | 144        | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$  | $\vdash$   | $\vdash$     | $\vdash$ | $\dashv$      |   |
| -        | 44       | -            | <u> </u>     | $\vdash$        | -        | $\vdash$        |          | -+   | +        | 1   | <del> </del>                                     | 95       | -                 | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +       |          | 1   | <b>—</b>     | 145        | +-   | $\vdash$ | +-   | $\vdash$  | ┼  | $\vdash$     | $\vdash$ | $\dashv$      |   |
| $\vdash$ | 45       | +            | ₩            | $\vdash$        | -        | $\vdash \vdash$ | $\dashv$ | $\dashv$   | +        | -   | <del></del>                                      | 96       | +                 | $\vdash$ | $\vdash$        |          |          | +        | +       |          | 1   | <del> </del> | 146        | $\vdash$   | $\vdash$ | +  | $\vdash$  | <del>  -  </del>                                 | $\vdash$     | $\vdash$ | $\dashv$      | _ |
| -        | 46<br>47 | +            |              | $\vdash$        |          | $\vdash$        | -        | $\dashv$   | -+       | 1   | <del></del>                                      | 97       | +-                | $\vdash$ | $\vdash$        | $\vdash$ | -        | +        | +       |          | 1   | $\vdash$     | 147        | <del>                                     </del> | $\vdash$ | +  | $\vdash$  | $\vdash$   | $\vdash$     | $\vdash$ | $\dashv$      |   |
| -        | 48       | ┼┈           | $\vdash$     | $\vdash\vdash$  |          |                 | $\dashv$ | $\dashv$   | +        | 1   | <del></del>                                      | 98       | +                 | ┢╌       |                 |          | $\dashv$ | -+       | +       | _        | 1   | <del></del>  | 148        | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$  | $\vdash$   | $\vdash$     | $\vdash$ | $\dashv$      | _ |
| <b>-</b> | 49       | +            | -            | $\vdash \vdash$ |          | $\vdash$        | $\dashv$ | $\dashv$   | +        | 1   |  | 99       | $\vdash$          | $\vdash$ | -               |          | $\dashv$ | +        | +       | +        | 1   | _            | 149        | $\vdash$   | -        | $\vdash$   | +         | $\vdash$   | -            |          | -             |   |
| -        | 50       | +-           | $\vdash$     | $\vdash\vdash$  | $\dashv$ | Н               | $\dashv$ | $\dashv$   |          | 1   |  | 100      | +                 | ┼┈       | $\vdash$        |          | $\dashv$ | $\dashv$ | +       |          | 1   |              | 150        | t  | 1        | $\vdash$   | T         | <del>                                     </del> | $\vdash$     | $\vdash$ | $\dashv$      |   |
|          | 1 20     | 1            | 1            | L               |          |                 |          |  |          | J ' |  | 1,00     |                   | <u> </u> |                 |          |          |          | ㅗ       |          | J L | L            | , ,,,,,    | _  | ـــ      |  |           |  | <u> </u>     |          |               |   |